

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A method for determining whether a subject has or is predisposed for a mental disorder, the method comprising the steps of:

(i) ~~obtaining a biological sample from a subject~~ isolating a subject's brain tissue;

(ii) contacting the ~~sample~~ subject's brain tissue with a reagent that selectively associates with a polynucleotide ~~or polypeptide~~ encoded by a nucleic acid ~~that hybridizes under stringent conditions to a nucleotide sequence of~~ with 95% identity to SEQ ID NO:1 or 3; [[and]]

(iii) detecting the level of reagent that selectively associates with the sample ~~,thereby determining whether the subject has or is predisposed for a mental disorder ; and~~

(iv) comparing the detected level of reagent with a control, whereby if the detected level is significantly greater than the control, an increased likelihood that the subject has or is predisposed for a mental disorder is determined; and whereby, if the detected level is not significantly greater than the control, an increase in said likelihood is not determined by the method.

2. (Canceled)

3. (Original) The method of claim 1, wherein the reagent is a nucleic acid.

4 - 7. (Canceled)

8. (Original) The method of claim 1, wherein the mental disorder is a mood disorder or psychosis.

9. (Currently amended) The method of claim ~~[[7]]~~ 8, wherein the mood disorder is selected from the group consisting of bipolar disorder and major depression.

10. (Withdrawn) The method of claim 8, wherein the psychosis is schizophrenia.

11. (Original) The method of claim 1, wherein the polynucleotide comprises a nucleotide sequence of SEQ ID NO:1 or 3.

12 - 50. (Canceled)

51. (New) The method of claim 1, wherein the subject is deceased.